

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053068.D
 Acq On : 20 Dec 2018 20:22
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 02:33:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	99	0.00
2 T	Dichlorodifluoromethane	50.000	47.300	5.4	96	0.00
3 P	Chloromethane	50.000	45.862	8.3	91	0.00
4 C	Vinyl Chloride	50.000	48.819	2.4#	98	0.00
5 T	Bromomethane	50.000	44.702	10.6	96	0.00
6 T	Chloroethane	50.000	49.433	1.1	99	0.00
7 T	Trichlorofluoromethane	50.000	50.356	-0.7	101	0.00
8 T	Diethyl Ether	50.000	53.446	-6.9	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.138	-0.3	103	0.00
10 T	Methyl Iodide	50.000	50.958	-1.9	97	0.00
11 T	Tert butyl alcohol	250.000	286.911	-14.8	111	0.00
12 CM	1,1-Dichloroethene	50.000	50.971	-1.9#	102	0.00
13 T	Acrolein	250.000	337.293	-34.9#	130	0.00
14 T	Allyl chloride	50.000	50.799	-1.6	101	0.00
15 T	Acrylonitrile	250.000	272.441	-9.0	108	0.00
16 T	Acetone	250.000	288.484	-15.4	118	0.00
17 T	Carbon Disulfide	50.000	43.758	12.5	92	0.00
18 T	Methyl Acetate	50.000	54.227	-8.5	110	0.00
19 T	Methyl tert-butyl Ether	50.000	54.749	-9.5	108	0.00
20 T	Methylene Chloride	50.000	50.189	-0.4	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.054	-0.1	101	0.00
22 T	Diisopropyl ether	50.000	54.055	-8.1	106	0.00
23 T	Vinyl Acetate	250.000	277.235	-10.9	113	0.00
24 P	1,1-Dichloroethane	50.000	52.025	-4.0	104	0.00
25 T	2-Butanone	250.000	294.581	-17.8	113	0.00
26 T	2,2-Dichloropropane	50.000	49.203	1.6	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.768	-3.5	103	0.00
28 T	Bromochloromethane	50.000	53.557	-7.1	105	0.00
29 T	Tetrahydrofuran	250.000	279.669	-11.9	109	0.00
30 C	Chloroform	50.000	51.607	-3.2#	103	0.00
31 T	Cyclohexane	50.000	51.176	-2.4	102	0.00
32 T	1,1,1-Trichloroethane	50.000	51.061	-2.1	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.730	-9.5	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	61.761	-23.5	123	0.00
36 T	1,1-Dichloropropene	50.000	49.895	0.2	102	0.00
37 T	Ethyl Acetate	50.000	56.317	-12.6	109	0.00
38 T	Carbon Tetrachloride	50.000	50.053	-0.1	100	0.00
39 T	Methylcyclohexane	50.000	47.655	4.7	98	0.00
40 TM	Benzene	50.000	50.810	-1.6	103	0.00
41 T	Methacrylonitrile	50.000	52.010	-4.0	102	0.00
42 TM	1,2-Dichloroethane	50.000	51.414	-2.8	103	0.00
43 T	Isopropyl Acetate	50.000	54.590	-9.2	108	0.00
44 TM	Trichloroethene	50.000	48.993	2.0	99	0.00
45 C	1,2-Dichloropropane	50.000	52.339	-4.7#	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.992	-2.0	103	0.00
47 T	Bromodichloromethane	50.000	50.900	-1.8	102	0.00
48 T	Methyl methacrylate	50.000	53.684	-7.4	107	0.00
49 T	1,4-Dioxane	1000.000	990.703	0.9	103	0.00
50 S	Toluene-d8	50.000	52.704	-5.4	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.456	-11.4	108	0.00
52 CM	Toluene	50.000	50.120	-0.2#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	50.129	-0.3	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.884	-1.8	100	0.00
55 T	1,1,2-Trichloroethane	50.000	52.213	-4.4	104	0.00
56 T	Ethyl methacrylate	50.000	54.109	-8.2	106	0.00
57 T	1,3-Dichloropropane	50.000	51.909	-3.8	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.326	-9.3	106	0.00
59 T	2-Hexanone	250.000	274.780	-9.9	107	0.00
60 T	Dibromochloromethane	50.000	50.600	-1.2	101	0.00
61 T	1,2-Dibromoethane	50.000	51.310	-2.6	102	0.00
62 S	4-Bromofluorobenzene	50.000	49.726	0.5	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	48.224	3.6	93	0.00
65 PM	Chlorobenzene	50.000	50.151	-0.3	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.414	-4.8	102	0.00
67 C	Ethyl Benzene	50.000	50.725	-1.5#	99	0.00
68 T	m/p-Xylenes	100.000	99.115	0.9	97	0.00
69 T	o-Xylene	50.000	50.350	-0.7	97	0.00
70 T	Styrene	50.000	50.857	-1.7	97	0.00
71 P	Bromoform	50.000	49.685	0.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	53.917	-7.8	97	0.00
74 T	N-amyl acetate	50.000	59.805	-19.6	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.119	-18.2	110	0.00
76 T	1,2,3-Trichloropropane	50.000	48.093	3.8	83	0.00
77 T	Bromobenzene	50.000	52.953	-5.9	95	0.00
78 T	n-propylbenzene	50.000	52.432	-4.9	94	0.00
79 T	2-Chlorotoluene	50.000	49.631	0.7	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.015	-2.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.404	-8.8	93	0.00
82 T	4-Chlorotoluene	50.000	51.174	-2.3	93	0.00
83 T	tert-Butylbenzene	50.000	50.690	-1.4	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.724	-1.4	91	0.00
85 T	sec-Butylbenzene	50.000	49.440	1.1	91	0.00
86 T	p-Isopropyltoluene	50.000	49.125	1.8	89	0.00
87 T	1,3-Dichlorobenzene	50.000	48.943	2.1	88	0.00
88 T	1,4-Dichlorobenzene	50.000	47.922	4.2	89	0.00
89 T	n-Butylbenzene	50.000	46.299	7.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.124	3.8	87	0.00
91 T	1,2-Dichlorobenzene	50.000	48.855	2.3	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.026	-2.1	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.942	4.1	88	0.00
94 T	Hexachlorobutadiene	50.000	52.014	-4.0	89	0.00
95 T	Naphthalene	50.000	49.357	1.3	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.739	2.5	89	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6